```
=> d his

     (FILE 'HOME' ENTERED AT 12:31:33 ON 12 JAN 2010)

     FILE 'LREGISTRY' ENTERED AT 12:31:51 ON 12 JAN 2010
L1                STR

     FILE 'REGISTRY' ENTERED AT 12:32:38 ON 12 JAN 2010
L2              50 S L1
L3            7168 S L1 FUL
L4            1819 S L3 AND NRS=1
L5             712 S L4 AND X/ELS

     FILE 'LREGISTRY' ENTERED AT 12:33:43 ON 12 JAN 2010
L6                STR L1

     FILE 'REGISTRY' ENTERED AT 12:48:12 ON 12 JAN 2010
L7              26 S L6 SSS SAM SUB=L3
L8                STR L6
L9               3 S L8 SSS SAM SUB=L3
L10             73 S L8 SSS FUL SUB=L3
L11             42 S L10 AND NC=1

     FILE 'CAPLUS' ENTERED AT 12:55:15 ON 12 JAN 2010
L12           1178 S L11
L13             29 S L12(L)THU/RL
L14             11 S L13 AND PY<2004

     FILE 'LREGISTRY' ENTERED AT 13:07:46 ON 12 JAN 2010
L15               STR L8

     FILE 'REGISTRY' ENTERED AT 13:08:21 ON 12 JAN 2010
L16              1 S L15 SSS FUL  SUB=L3

     FILE 'CAPLUS' ENTERED AT 13:08:47 ON 12 JAN 2010
L17              1 S L16
L18          57838 S DMSO
L19            157 S L18(5A)PHARMACEUTICAL?
L20             86 S L19 AND PY<2003
L21              3 S L19(5A)CARRIER

     FILE 'STNGUIDE' ENTERED AT 13:17:48 ON 12 JAN 2010

     FILE 'LREGISTRY' ENTERED AT 13:41:39 ON 12 JAN 2010
L22               STR L15

     FILE 'REGISTRY' ENTERED AT 13:42:27 ON 12 JAN 2010
L23             15 S L22 SSS FUL SUB=L3

     FILE 'CAPLUS' ENTERED AT 13:43:11 ON 12 JAN 2010
L24             37 S L23
L25              6 S L24(L)THU/RL

=> d que
L1                STR
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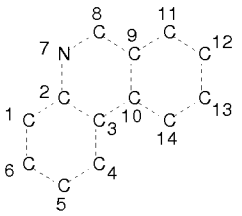


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NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RSPEC I
NUMBER OF NODES IS  14

STEREO ATTRIBUTES:  NONE
L3            7168 SEA FILE=REGISTRY SSS FUL L1
L22               STR
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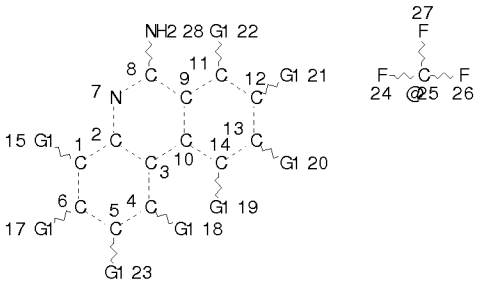


VAR G1=25/CL/F/H
NODE ATTRIBUTES:
CONNECT IS E2 RC AT 7
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

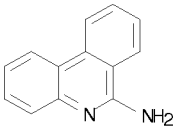
GRAPH ATTRIBUTES:
RSPEC I
NUMBER OF NODES IS 27

STEREO ATTRIBUTES: NONE
L23 15 SEA FILE=REGISTRY SUB=L3 SSS FUL L22
L24 37 SEA FILE=CAPLUS ABB=ON PLU=ON L23
L25 6 SEA FILE=CAPLUS ABB=ON PLU=ON L24(L)THU/RL

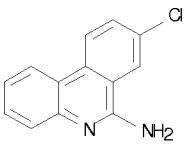
=> s l25 and py<2004
24054764 PY<2004
L26 1 L25 AND PY<2004

=> d bib ab hitstr

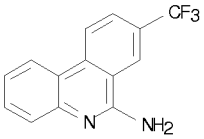
L26 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2010 ACS on STN
AN 2003:674795 CAPLUS
DN 140:121957
TI Isolation of drugs active against mammalian prions using a yeast-based screening assay
AU Bach, Stephane; Talarek, Nicolas; Andrieu, Thibault; Vierfond, Jean-Michel; Mettey, Yvette; Galons, Herve; Dormont, Dominique; Meijer, Laurent; Cullin, Christophe; Blondel, Marc
CS Station Biologique, Cell Cycle Laboratory, C.N.R.S., Bretagne, 29680, Fr.
SO Nature Biotechnology (2003), 21(9), 1075-1081
CODEN: NABIF9; ISSN: 1087-0156
PB Nature Publishing Group
DT Journal
LA English
AB We have developed a rapid, yeast-based, two-step assay to screen for antiprion drugs. The method allowed us to identify several compds. effective against budding yeast prions responsible for the [PSI+] and [URE3] phenotypes. These inhibitors include the kastellpaolitines, a new class of compds., and two previously known mols., phenanthridine and 6-aminophenanthridine. Two potent promoters of mammalian prion clearance in vitro, quinacrine and chlorpromazine, which share structural similarities with the kastellpaolitines, were also active in the assay. The compds. isolated here were also active in promoting mammalian prion clearance. These results validate the present method as an efficient high-throughput screening approach to identify new prion inhibitors and furthermore suggest that biochem. pathways controlling prion formation and/or maintenance are conserved from yeast to humans.
IT 832-68-8, 6-Phenanthridinamine 651055-79-7
651055-83-3
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(isolation of drugs active against mammalian prions using a yeast-based screening assay)
RN 832-68-8 CAPLUS
CN 6-Phenanthridinamine (CA INDEX NAME)



RN 651055-79-7 CAPLUS
CN 6-Phenanthridinamine, 8-chloro- (CA INDEX NAME)



RN 651055-83-3 CAPLUS
CN 6-Phenanthridinamine, 8-(trifluoromethyl)- (CA INDEX NAME)



OSC.G 66 THERE ARE 66 CAPLUS RECORDS THAT CITE THIS RECORD (66 CITINGS)
RE.CNT 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

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